

To: National Endowment for the Arts

Re: Arts-related content in the Panel Study of Income Dynamics & Supplemental Studies

June 2, 2011

Below please find a description of arts-related data collected in the Panel Study of Income Dynamics (PSID) and its supplementary studies, the Child Development Supplement (CDS) and the Transition into Adulthood (TA) study. A brief description of these studies and the content is provided.

I. Panel Study of Income Dynamics (PSID) – Main Interview

A. Overview

PSID is the world's longest running nationally representative household panel survey. With more than 40 years' of data on the same families and their descendants, PSID is a cornerstone of the data infrastructure for empirically-based social science research. PSID gathers information on the family as a whole and on individuals residing within the family, emphasizing the dynamic and interactive aspects of family economics, demography, and health. PSID data have been collected annually from 1968 to 1997 and biennially after 1997. With low attrition and high success in following young adults as they form their own families, the sample size has grown from roughly 5,000 families in 1968 to more than 9,000 families and 23,000 individuals in 2011. Over the past four decades, PSID has collected data on more than 70,000 individuals who have resided in sampled households.

Data from all waves of PSID and its supplements are freely accessible through the web-based PSID Data Center: www.psidonline.org. The user-friendly Data Center provides options for automatic merges of data across all waves, and between PSID and supplemental data files including the Child Development Supplement and Transition into Adulthood data files. Options for customized codebooks and datasets in a variety of formats including SAS, Stata, SPSS, Excel and Text are available. Tutorials, bibliographies, and other user information can be found on the website.

B. Arts-related content in PSID

Content that may be used to examine participation in the arts includes questions from the three domains in the PSID instrument: philanthropic giving and volunteering; occupation, industry, and business codes; and family consumption expenditures. These variables are listed in Table 1. The module on "Philanthropic giving and volunteering," developed and sponsored by the Center on Philanthropy at Indiana University (<http://www.philanthropy.iupui.edu/>) and asked in every wave from 2001 to 2011, includes a series of questions about monetary donations to cultural organizations and time spent volunteering in the past year by any individual in the family. A specific question included since 2001 asks: "Did you (or anyone in your family) make donations to organizations that support or promote the arts, culture, or ethnic awareness? Such as, to a museum, theatre, orchestra, public broadcasting, or ethnic cultural awareness?" If the answer is "yes," a follow-up question asks for the total dollar value of the donation. In 2003, 2005, and

2011, questions were also included about time spent volunteering, including activities supporting arts and cultural activity.

In all waves since 1968, PSID has obtained information about the occupation and industry in which the head, spouse, and parents of both head and spouse are employed. This information is coded using Census-based occupation and industry codes, and can be used to examine employment in arts-related occupations and industries. Moreover, Census-based industry codes are also available, providing information about the type of business owned by those who are self employed.

Starting in 2005 and through the most recent wave of 2011, PSID expanded the information collected on family expenditures, and added a question about expenses for recreation and entertainment: “How much did you (and your family living there) spend altogether (last year) on recreation and entertainment, including tickets to movies, sporting events, and performing arts and hobbies including exercise, bicycles, trailers, camping, photography, and reading materials?”

Table 1. Family Level Variables Relating to the Arts in the PSID Main Interview

[Year] and Variable Name	Variable Label
[03]ER23519 [05]ER27487 [07]ER40658	DOLLAR AMT OF CULTURAL DONATIONS
[01]ER20077 [03]ER23518 [05]ER27486 [07]ER40657	WTR DONATED TO CULTURAL ORGS
[05]ER25828 [07]ER36846	COST OF OTR RECREATION LAST YEAR
[05]ER25829 [07]ER36847	TIME UNIT FOR OTR RECREATON
[03]ER23664 [05]ER27634	WTR HD OTHER VLNTEER LAST YR
[03]ER23674 [05]ER27644	WTR WF OTHER VLNTEER LAST YR
[01]ER20077 [03]ER23518 [05]ER27486 [07]ER40657	WTR DONATED TO CULTURAL ORGS
[03]ER23519 [05]ER27487 [07]ER40658	DOLLAR AMT OF CULTURAL DONATIONS
[03]ER21146 [05]ER25128 [07]ER36133	MAIN IND FOR JOB 1: 2000 CODE (HD)
[99]ER15823 [01]ER19884	INDUSTRY OF MOTHER
[99]ER15814 [01]ER19875	INDUSTRY OF FATHER
[99]ER14350 [01]ER18490 [03]ER21858 [05]ER25839 [07]ER36857	2-DIGIT INDUSTRY-BUS 1
[03]ER21146 [05]ER25128 [07]ER36133	MAIN OCC FOR JOB 1: 2000 CODE (HD)
[03]ER21395 [05]ER25385 [07]ER36390	MAIN OCC FOR JOB 1: 2000 CODE (WF)
[03]ER21396 [05]ER25386 [07]ER36391	MAIN IND FOR JOB 1: 2000 CODE (WF)
[03]ER21146 [05]ER25128 [07]ER36133	MAIN IND FOR JOB 1: 2000 CODE (HD)

II. The PSID Child Development Supplement (CDS)

A. Overview

The Child Development Supplement is a supplement to PSID that collected three waves of data on children and caregivers who participate in the PSID. The overarching goal of the CDS was to provide researchers with a comprehensive, nationally representative, longitudinal database on children and their extended families with which to study the dynamic process of early

development and social capital formation. The CDS provides data on a broad array of developmental outcomes such as physical health, emotional wellbeing, intellectual achievement, social relationships with family and peers, self-esteem, and educational and occupational aspirations.

The CDS sample was selected in 1997 when up to two children 0-12 years of age in PSID families were interviewed. In 2002-2003, CDS collected a second wave of data with the same children originally interviewed in CDS-I. Over 90% of CDS families who were still active in the 2001 PSID were interviewed. A third wave of data was collected in 2007-2008, interviewing 1,500 children and adolescents who were 10 to 18 years of age, 1,600 primary caregivers, and 900 secondary caregivers.

Data were obtained primarily through in person visits to the homes. Across all waves, children 8 years of age and older were interviewed, as were primary caregivers and secondary caregivers. Cognitive assessments of the children and measurements of height and weight were obtained in all waves. In Wave 1, primary caregivers also completed cognitive assessments and data were collected from non-residential fathers, teachers, and school administrators. Wave 2 included self-administered questionnaires to elementary and preschool teachers.

All CDS data files are publicly available in the PSID Data Center.

B. Arts-Related Content

The CDS included questions in all waves about frequency of parental participation in arts and crafts activities with their child. A question was also included in all waves about parents' attendance at a school event such as a play or concert in which the child participated. In Wave 1, teachers were asked to rate the frequency of parents' attendance at school events such as plays and concerts and the availability of arts and crafts materials in their classrooms. Children aged 10 and older who indicated that they planned to attend college were asked about the college major they wanted to pursue. Children aged 10 and older were also asked about current and past summer occupation and industry, as well as the top three jobs they hoped to hold after they completed school.

Two time diaries were obtained from all children in the CDS, asking them to provide information on what they were doing and with whom over a 24-hour weekday and a weekend day. Time diary codes relate to the actual amount of time that the child spent doing each activity, including any activities related to the arts. This unique diary allows for defining not only the activities that the child or parents are taking part in, but also the amount of time devoted to this activity.

As shown in Table 2, arts-related data collected in the CDS includes information on:

- Arts-Related Events – These variables refer to events attended or activities participated in by the child, primary caregiver (PCG), or other caregiver (OCG);
- Arts and Crafts – These variables relate to materials available for doing arts and crafts projects, as well as doing arts and crafts with the PCG or the OCG;
- Planned College Major – This variable is coded to allow for the categorization of future plans to pursue arts-related majors in college;
- Occupation / Industry – Information about summer jobs the child held is coded using Census-based occupation and industry codes, and can be used to examine employment in arts-related occupations and industries; and

Lessons, Classes, and Camps – These variables correspond to organized participation in arts-related activities. Questions are asked about the participation, frequency, and cost of these activities, allowing for several types of activities to be recorded.

Table 2. Variables Relating to the Arts in the Child Development Supplement

[Year] and Variable Name	Variable Label
[97]Q9A23H	ATTEND SCHOOL EVENT
[97]Q7B12H	ATTENDED SCHOOL EVENT
[02]Q25A4	P'TICIPATE AFTER SCHOOL ACTIVITY
[97]Q1G28H [02]Q21B24F [07]Q31B24F	ATTEND A SCHOOL EVENT
[97]Q9B11J	ART MATERIALS
[02]Q23L6D [07]Q33L6D	AFTER-SCHOOL PROGRAMS
[97]Q1G25G [02]Q21B31G [07]Q31B31G	ARTS AND CRAFTS
[97]Q5A14G [02]Q25A1G	DO ARTS & CRAFTS
[07]Q33J33N	PLANNED COLLEGE MAJOR
[02]Q23J31A [07]Q33J31A1	DESIRED JOB POST SCHOOL
[02]Q23J7 [07]Q33J7	INDUSTRY
[02]Q23J21 [07]Q33J21	SUMMER:INDUSTRY
[02]Q21H6 [07]Q31H6	TAKE LESSONS 10+ YRS
[02]Q21H6A1 [07]Q31H6A1	LESSONS-1ST 10+ YRS
[02]Q21H6B [07]Q31H6B	COST OF LESSONS 10+ YRS
[97]Q1J15B [02]Q21H24H [07]Q31H24H	FATHER PAID FOR CAMP/LESSONS
[97]Q1J30B [02]Q21H25H [07]Q31H25H	MOTHER PAID FOR CAMP/LESSONS
[97]Q1E4	EXTRACURRICULAR ACTIVITIES
[02]Q21G7A	TAKE LESSONS 6-9 YRS
[02]Q21G7A1	LESSONS-1ST 6-9
[02]Q21G7B	AMT TIME SPENT IN LESSONS 6-9 YRS
[02]Q21G7C	COST OF LESSONS 6-9 YRS

Time Diary variables are based on the amount of time during a weekday (WD) and a weekend day (WE) spent on various activities. As listed in Table 3, these include activities such as drama, sculpture, painting, drawing, knitting, sewing, and others. The variables also distinguish time spent in classes or lessons, free time, or school-related arts time.

Additional data from the time diaries includes coding of television programs watched by the children, comprising of information on:

Curriculum – This variable determines the nature of the curriculum that a television program is intended to provide. This can be linked to the amount of time television is watched per child, as well as including other content being watched; and

Arts-Related Activities – These variables refer to participation in arts-related activities by the child including after school programs, lessons, camps, and free time allocation. Activities include painting, ceramics, dance, musical instrument, and other art-related categories.

Table 3. Arts-Related Variables in the Child Development Supplement Time Diaries

[Year] and Variable Name	Variable Label
[97]TD97M15 [02]TD02M15	CURRICULUM
[02]WE026133 [07]WE076133	DRAMA/ART CLUB - AFTER SCHOOL
[02]WD026133 [07]WD076133	DRAMA/ART CLUB - AFTER SCHOOL
[97]WD97_851 [02]WD02_851 [07]WD07_851	SCULPTURE/PAINTING/POTTING/DRAWING/ETC.
[97]WE97_851 [02]WE02_851 [07]WE07_851	SCULPTURE/PAINTING/POTTING/DRAWING/ETC.
[02]WD028512 [07]WD078512	PAINTING
[02]WE028512 [07]WE078512	PAINTING
[02]WD028514 [07]WD078514	SCULPTURE
[02]WE028514 [07]WE078514	SCULPTURE
[02]WD028513 [07]WD078513	DRAWING, COLORING
[02]WE028513 [07]WE078513	DRAWING, COLORING
[97]WD973934 [02]WD023934 [07]WD073934	SPORTS/ACTIVE: DOMESTIC CRAFTS
[97]WE973934 [02]WE023934 [07]WE073934	SPORTS/ACTIVE: DOMESTIC CRAFTS
[97]WD97_842 [02]WD02_842 [07]WD07_842	KNITTING/NEEDLE-WORK, INCLUDING CLASSES
[97]WE97_842 [02]WE02_842 [07]WE07_842	KNITTING/NEEDLE-WORK, INCLUDING CLASSES
[97]WD97_843 [02]WD02_843 [07]WD07_843	SEWING
[97]WE97_843 [02]WE02_843 [07]WE07_843	SEWING
[97]WD973927 [02]WD023927 [07]WD073927	SPORTS/ACTIVE: CLASSES/LESSONS
[97]WE973927 [02]WE023927 [07]WE073927	SPORTS/ACTIVE: CLASSES/LESSONS
[97]WD97_881 [02]WD02_881 [07]WD07_881	LESSONS IN DANCE
[97]WD97_887 [02]WD02_887 [07]WD07_887	LESSONS IN MUSIC/SINGING/INSTRUMENTS
[97]WE97_881 [02]WE02_881 [07]WE07_881	LESSONS IN DANCE
[97]WE97_887 [02]WE02_887 [07]WE07_887	LESSONS IN MUSIC/SINGING/INSTRUMENTS
[97]Q9CG02 [97]Q10CG02	PLANNED FUTURE LESSONS

III. The Transition into Adulthood (TA) Study

A. Overview

The Transition into Adulthood Study, initiated in 2005, captures data on the developmental pathways and outcomes of children who participated in the CDS as they transition into young adulthood. The TA study fills a gap between information collected in the CDS and information collected from panel members who enter the main PSID study once they have once assumed economic independence as heads and spouses. The TA interview domains are coordinated with the CDS adolescent measures and the PSID employment and health measures, and also include measures unique to this transitional stage. Together with more than 40 years' of longitudinal data in the PSID, the CDS and TA support a wide range of research on the ways in which time, money, social resources, parenting practices, and characteristics of caregivers and family members are linked to the cognitive and behavioral development of children, adolescents, and young adults.

These data have been released publicly for 2005 and 2007, and will soon be available for waves fielded in 2009 and 2011. Proposals are being developed to continue the data collection in 2013 and 2015, when the youngest child in CDS turns age 18, providing at least one observation in the TA study of all children who participated in CDS.

All TA data files are publicly available in the PSID Data Center.

B. Arts-Related Content

As show in Table 4, arts-related data collected in the TA study includes information on college majors, industry codes, and personal involvement in the arts:

College Major – This variable is coded to allow for the categorization of arts-related majors in college;

Occupation / Industry – This information is coded using Census-based occupation and industry codes, and can be used to examine employment in arts-related occupations and industries; and

Arts Participation – These variables provide information on whether the respondents are involved in the arts, the type of arts they are involved in, as well as the frequency of their participation.

Table 4. Arts-Related Variables in the Transition into Adulthood study

[Year] and Variable Name	Variable Label
[05]TA050601 [07]TA070576	MAJOR AT MOST RECENT COLLEGE
[05]TA050608 [07]TA070583	MAJOR--MOST RECENT COLLEGE
[05]TA050618	MAJOR AT EARLIER COLLEGE
[05]TA050625 [07]TA070596	MAJOR--EARLIER COLLEGE
[05]TA050190 [07]TA070208	MAIN IND FOR JOB 1: 2000 CODE
[05]TA050015 [07]TA070015	WTR INVOLVED IN ARTS
[05]TA050016 [07]TA070016	TYPE OF ARTS
[05]TA050017 [07]TA070017	HOW OFTEN PARTICIPATED IN ARTS